09/922,549 LLM
11/1/2006

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	53	(lysozyme adj (promoter or (gene adj control$4 adj region)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/01 13:17
L2	0	(matrix adj attachment) and ((intrinsically adj curved adj DNA) or (curved adj DNA)) and ((transcription adj enhancer) or enhancer) and (negative adj regulatory adj element) and (hormone adj responsive) and (CRI adj repeat) and ((proximal adj lysozyme adj promoter) or (lysozyme adj promoter)) and (signal adj peptide) and ((polyadenylation adj sequence) or polyA)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/01 13:28
L3	760	(((proximal adj lysozyme adj promoter) or (lysozyme adj promoter)) and (CRI adj repeat) and ((intrinsically adj curved adj DNA) or (curved adj DNA))) or (matrix adj attachment) and (((transcription adj enhancer) or enhancer) or (negative adj regulatory adj element)or (hormone adj responsive) or(signal adj peptide) or ((polyadenylation adj sequence) or polyA))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/01 13:34
L4	0	(((proximal adj lysozyme adj promoter) or (lysozyme adj promoter)) and (CRI adj repeat) and ((intrinsically adj curved adj DNA) or (curved adj DNA))) and ((matrix adj attachment) or ((transcription adj enhancer) or enhancer) or (negative adj regulatory adj element)or (hormone adj responsive) or(signal adj peptide) or ((polyadenylation adj sequence) or polyA))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/01 13:26

EAST Search History

L6	53	((proximal adj lysozyme adj promoter) or (lysozyme adj promoter)) and ((matrix adj attachment) or ((intrinsically adj curved adj DNA) or (curved adj DNA)) or ((transcription adj enhancer) or enhancer) or (negative adj regulatory adj element) or (hormone adj responsive) or (CRI adj repeat) or ((proximal adj lysozyme adj promoter) or (lysozyme adj promoter)) or (signal adj peptide) and ((polyadenylation adj sequence) or polyA))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/01 13:30
L8	9	L1 and @ad<="20010330"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/01 13:30
L9	51	((proximal adj lysozyme adj promoter) or (lysozyme adj promoter)) and ((matrix adj attachment) or ((intrinsically adj curved adj DNA) or (curved adj DNA)) or ((transcription adj enhancer) or enhancer) or (negative adj regulatory adj element) or (hormone adj responsive) or (CRI adj repeat) or (signal adj peptide) and ((polyadenylation adj sequence) or polyA))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/01 13:33
L10	8	L9 and @ad<="20010330"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/01 13:32
L11	32	((proximal adj lysozyme adj promoter) or (lysozyme adj promoter)) and ((matrix adj attachment) or ((intrinsically adj curved adj DNA) or (curved adj DNA)) or ((transcription adj enhancer)) or (negative adj regulatory adj element) or (hormone adj responsive) or (CRI adj repeat) or (signal adj peptide) and ((polyadenylation adj sequence) or polyA))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/01 13:32

EAST Search History

L12	3	L11 and @ad<="20010330"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/01 13:33
L13	41	((proximal adj lysozyme adj promoter) or (lysozyme adj promoter)) and avian	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/01 13:33
L14	2	L13 and @ad<="20010330"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/01 13:34
L15	82	RAPP-j.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/01 13:34
L16	41	L15 and @ad<"20010330"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/01 13:34
L17	0	L16 and ((((proximal adj lysozyme adj promoter) or (lysozyme adj promoter)) and (CRI adj repeat) and ((intrinsically adj curved adj DNA) or (curved adj DNA))) or (matrix adj attachment) and (((transcription adj enhancer) or enhancer) or (negative adj regulatory adj element)or (hormone adj responsive) or(signal adj peptide) or ((polyadenylation adj sequence) or polyA)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/01 13:34

09/922,549 Interference
LLM 11/1/2006

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	22616	536/024.1 or 435/325	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/01 13:39
L2	0	L1 and ((((proximal adj lysozyme adj promoter) or (lysozyme adj promoter)) and (CRI adj repeat) and ((intrinsically adj curved adj DNA) or (curved adj DNA))) and ((matrix adj attachment) or ((transcription adj enhancer) or enhancer) or (negative adj regulatory adj element)or (hormone adj responsive) or(signal adj peptide) or ((polyadenylation adj sequence) or polyA)))	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/01 13:40
L3	0	((((proximal adj lysozyme adj promoter) or (lysozyme adj promoter)) and (CRI adj repeat) and ((intrinsically adj curved adj DNA) or (curved adj DNA))) and ((matrix adj attachment) or ((transcription adj enhancer) or enhancer) or (negative adj regulatory adj element)or (hormone adj responsive) or(signal adj peptide) or ((polyadenylation adj sequence) or polyA)))	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/01 13:40
L6	7	L1 and (((proximal adj lysozyme adj promoter) or (lysozyme adj promoter)) and ((matrix adj attachment) or ((intrinsically adj curved adj DNA) or (curved adj DNA)) or ((transcription adj enhancer) or enhancer) or (negative adj regulatory adj element) or (hormone adj responsive) or (CRI adj repeat) or ((proximal adj lysozyme adj promoter) or (lysozyme adj promoter)) or (signal adj peptide) and ((polyadenylation adj sequence) or polyA)))	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/01 13:41
L7	5	L6 and @ad<="20010330"	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/01 13:43

EAST Search History

L8	755	(((proximal adj lysozyme adj promoter) or (lysozyme adj promoter)) and (CRI adj repeat) and ((intrinsically adj curved adj DNA) or (curved adj DNA))) or (matrix adj attachment) and (((transcription adj enhancer) or enhancer) or (negative adj regulatory adj element)or (hormone adj responsive) or(signal adj peptide) or ((polyadenylation adj sequence) or polyA))	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/01 13:42
L9	166	L1 and ((((proximal adj lysozyme adj promoter) or (lysozyme adj promoter)) and (CRI adj repeat) and ((intrinsically adj curved adj DNA) or (curved adj DNA))) or (matrix adj attachment) and (((transcription adj enhancer) or enhancer) or (negative adj regulatory adj element)or (hormone adj responsive) or(signal adj peptide) or ((polyadenylation adj sequence) or polyA)))	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/01 13:42
L10	62	L9 and @ad<="20010330"	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/01 13:43
L11	31	((proximal adj lysozyme adj promoter) or (lysozyme adj promoter)) and ((matrix adj attachment) or ((intrinsically adj curved adj DNA) or (curved adj DNA)) or ((transcription adj enhancer)) or (negative adj regulatory adj element) or (hormone adj responsive) or (CRI adj repeat) or (signal adj peptide) and ((polyadenylation adj sequence) or polyA))	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/01 13:43
L12	2	L11 and @ad<"20010330"	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/01 13:44
L13	39	((proximal adj lysozyme adj promoter) or (lysozyme adj promoter)) and avian	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/01 13:44
L14	1	L13 and @ad<"20010330"	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/01 13:46
L15	3	L1 and (((proximal adj lysozyme adj promoter) or (lysozyme adj promoter)) and avian)	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/01 13:44

EAST Search History

L16	51	(lysozyme adj (promoter or (gene adj control$4 adj region)))	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/01 13:45
L17	7	L1 and ((lysozyme adj (promoter or (gene adj control$4 adj region))))	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/01 13:45
L18	5	L17 and @ad<"20010330"	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/01 13:47
L19	0	RAPP-j.in.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/01 13:47
L20	1385	RAPP.in.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/01 13:47
L21	539	L20 and @ad<"20010330"	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/01 13:47
L22	553	RAPP.in.	US-PGPUB; USOCR	OR	ON	2006/11/01 13:48
L23	30	L22 and @ad<"20010330"	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/01 13:47
L24	7	L1 and RAPP.in.	US-PGPUB; USOCR	OR	ON	2006/11/01 13:48

Dialog 09/922,549
11/1/2006 LLM

```
(AVIAN OR GALLUS OR CHICKEN)
S9          56   S S8 NOT PD>010330
S10          4   S S9 AND ((PROXIMAL (W) LYSOZYME (W) PROMOTER) OR (LYSOZYME (W) PROMOTER))
AND ((MATRIX (W) ATTACHMENT) OR ((INTRINSICALLY (W) CURVED (W) DNA) OR (CURVED (W) DNA))
OR ((TRANSCRIPTION (W) ENHANCER) ) OR (NEGATIVE (W) REGULATORY (W) ELEMENT) OR (HORMONE
(W) RESPONSIVE) OR (CRI (W) REPEAT) OR (SIGNAL (W) PEPTIDE) AND ((POLYADENYLATION (W)
SEQUENCE) OR POLYA))
S11          2   RD  (unique items)
S12          4   S S9 AND (((PROXIMAL (W) LYSOZYME (W) PROMOTER) OR (LYSOZYME (W)
PROMOTER)) AND ((MATRIX (W) ATTACHMENT) OR ((INTRINSICALLY (W) CURVED (W) DNA) OR (CURVED
(W) DNA)) OR ((TRANSCRIPTION (W) ENHANCER) ) OR (NEGATIVE (W) REGULATORY (W) ELEMENT) OR
(HORMONE (W) RESPONSIVE) OR (CRI (W) REPEAT) OR (SIGNAL (W) PEPTIDE) AND ((POLYADENYLATION
(W) SEQUENCE) OR POLYA)))
S13          2   RD  (unique items)
S14         27   S ((PROXIMAL (W) LYSOZYME (W) PROMOTER) OR (LYSOZYME (W) PROMOTER)) AND
((MATRIX (W) ATTACHMENT) OR ((INTRINSICALLY (W) CURVED (W) DNA) OR (CURVED (W) DNA)) OR
((TRANSCRIPTION (W) ENHANCER) OR ENHANCER) OR (NEGATIVE (W) REGULATORY (W) ELEMENT) OR
(HORMONE (W) RESPONSIVE) OR (CRI (W) REPEAT) OR (SIGNAL (W) PEPTIDE) AND ((POLYADENYLATION
(W) SEQUENCE) OR POLYA))
S15         12   RD  (unique items)
S16        125   S (LYSOZYME (W) (PROMOTER OR (GENE ADJ CONTROL?? (W) REGION)))
S17        125   S (LYSOZYME (W) (PROMOTER OR (GENE (W) CONTROL?? (W) REGION)))
S18          0   S RAPP=AU
S19        270   S AU=RAPP
S20         11   S AU=RAPP, J
S21         11   RD  (unique items)
S22          0   S S21 AND PROMOTER

?
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[File 357] **Derwent Biotech Res.** _1982-2006/Oct W5

[File 369] **New Scientist** 1994-2006/Aug W4

[File 370] **Science** 1996-1999/Jul W3

**File 370: This file is closed (no updates). Use File 47 for more current information.*

[File 391] **Beilstein Reactions** 2006/Q3

[File 434] **SciSearch(R) Cited Ref Sci** 1974-1989/Dec

[File 467] **ExtraMED(tm)** 2000/Dec


```
? s (((proximal (w) lysozyme (w)promoter) or (lysozyme (w) promoter)) and (CRI (w)
repeat) and ((intrinsically (w) curved (w) DNA) or (curved (w) DNA))) and ((matrix
(w)attachment) or ((transcription (w) enhancer) or enhancer) or (negative (w) regulatory
(w) element)or (hormone (w) responsive) or (signal (w) peptide) or ((polyadenylation (w)
sequence) or polyA))
Processing
Processing
Processing
Processing
Processing
Processing
       569556   PROXIMAL
       100545   LYSOZYME
       819327   PROMOTER
            1   PROXIMAL(W)LYSOZYME(W)PROMOTER
       100545   LYSOZYME
       819327   PROMOTER
          125   LYSOZYME(W)PROMOTER
         9156   CRI
       406166   REPEAT
            0   CRI(W)REPEAT
        36940   INTRINSICALLY
        96308   CURVED
      5055214   DNA
          140   INTRINSICALLY(W)CURVED(W)DNA
        96308   CURVED
      5055214   DNA
         2705   CURVED(W)DNA
      1370449   MATRIX
       302570   ATTACHMENT
         4124   MATRIX(W)ATTACHMENT
```

```
      1652657   TRANSCRIPTION
       182825   ENHANCER
         1597   TRANSCRIPTION(W)ENHANCER
       182825   ENHANCER
      3062512   NEGATIVE
       997436   REGULATORY
      2301625   ELEMENT
         3614   NEGATIVE(W)REGULATORY(W)ELEMENT
      2159350   HORMONE
       349281   RESPONSIVE
         8248   HORMONE(W)RESPONSIVE
      2301294   SIGNAL
      1897134   PEPTIDE
        59147   SIGNAL(W)PEPTIDE
        31894   POLYADENYLATION
      3646858   SEQUENCE
          669   POLYADENYLATION(W)SEQUENCE
         6033   POLYA
S1          0   S (((PROXIMAL (W) LYSOZYME (W)PROMOTER) OR (LYSOZYME (W) PROMOTER)) AND
(CRI (W) REPEAT) AND ((INTRINSICALLY (W) CURVED (W) DNA) OR (CURVED (W) DNA))) AND
((MATRIX (W)ATTACHMENT) OR ((TRANSCRIPTION (W) ENHANCER) OR ENHANCER) OR (NEGATIVE (W)
REGULATORY (W) ELEMENT)OR (HORMONE (W) RESPONSIVE) OR (SIGNAL (W) PEPTIDE) OR
((POLYADENYLATION (W) SEQUENCE) OR POLYA))

? s ((proximal (w) lysozyme (w) promoter) or (lysozyme (w) promoter)) and ((matrix (w)
attachment) or ((intrinsically (w) curved (w) DNA) or (curved (w) DNA)) or ((transcription
(w) enhancer) or enhancer) or (negative (w) regulatory (w) element) or (hormone (w)
responsive) or (CRI (w) repeat) or ((proximal (w) lysozyme (w) promoter) or (lysozyme (w)
promoter)) or (signal (w) peptide) and ((polyadenylation (w) sequence) or polyA))
Processing
Processing
Processing
Processing
       569556   PROXIMAL
       100545   LYSOZYME
       819327   PROMOTER
            1   PROXIMAL(W)LYSOZYME(W)PROMOTER
       100545   LYSOZYME
       819327   PROMOTER
          125   LYSOZYME(W)PROMOTER
      1370449   MATRIX
       302570   ATTACHMENT
         4124   MATRIX(W)ATTACHMENT
        36940   INTRINSICALLY
        96308   CURVED
      5055214   DNA
          140   INTRINSICALLY(W)CURVED(W)DNA
        96308   CURVED
      5055214   DNA
         2705   CURVED(W)DNA
      1652657   TRANSCRIPTION
       182825   ENHANCER
         1597   TRANSCRIPTION(W)ENHANCER
       182825   ENHANCER
      3062512   NEGATIVE
       997436   REGULATORY
      2301625   ELEMENT
         3614   NEGATIVE(W)REGULATORY(W)ELEMENT
      2159350   HORMONE
       349281   RESPONSIVE
         8248   HORMONE(W)RESPONSIVE
```

```
          9156   CRI
        406166   REPEAT
             0   CRI(W)REPEAT
        569556   PROXIMAL
        100545   LYSOZYME
        819327   PROMOTER
             1   PROXIMAL(W)LYSOZYME(W)PROMOTER
        100545   LYSOZYME
        819327   PROMOTER
           125   LYSOZYME(W)PROMOTER
       2301294   SIGNAL
       1897134   PEPTIDE
         59147   SIGNAL(W)PEPTIDE
         31894   POLYADENYLATION
       3646858   SEQUENCE
           669   POLYADENYLATION(W)SEQUENCE
          6033   POLYA
S2         125   S ((PROXIMAL (W) LYSOZYME (W) PROMOTER) OR (LYSOZYME (W) PROMOTER)) AND
((MATRIX (W) ATTACHMENT) OR ((INTRINSICALLY (W) CURVED (W) DNA) OR (CURVED (W) DNA)) OR
((TRANSCRIPTION (W) ENHANCER) OR ENHANCER) OR (NEGATIVE (W) REGULATORY (W) ELEMENT) OR
(HORMONE (W) RESPONSIVE) OR (CRI (W) REPEAT) OR ((PROXIMAL (W) LYSOZYME (W) PROMOTER) OR
(LYSOZYME (W) PROMOTER)) OR (SIGNAL (W) PEPTIDE) AND ((POLYADENYLATION (W) SEQUENCE) OR
POLYA))

? s (((proximal (W) lysozyme (W) promoter) or (lysozyme (W) promoter)) and (CRI (W)
repeat) and ((intrinsically (W) curved (W)DNA) or (curved (W) DNA))) or (matrix (W)
attachment) and ( ((transcription (W) enhancer) or enhancer) or (negative (W) regulatory
(W) element)or (hormone (W) responsive) or( signal (W) peptide) or ((polyadenylation (W)
sequence) or polyA))
Processing
Processing
Processing
        569556   PROXIMAL
        100545   LYSOZYME
        819327   PROMOTER
             1   PROXIMAL(W)LYSOZYME(W)PROMOTER
        100545   LYSOZYME
        819327   PROMOTER
           125   LYSOZYME(W)PROMOTER
          9156   CRI
        406166   REPEAT
             0   CRI(W)REPEAT
         36940   INTRINSICALLY
         96308   CURVED
       5055214   DNA
           140   INTRINSICALLY(W)CURVED(W)DNA
         96308   CURVED
       5055214   DNA
          2705   CURVED(W)DNA
       1370449   MATRIX
        302570   ATTACHMENT
          4124   MATRIX(W)ATTACHMENT
       1652657   TRANSCRIPTION
        182825   ENHANCER
          1597   TRANSCRIPTION(W)ENHANCER
        182825   ENHANCER
       3062512   NEGATIVE
        997436   REGULATORY
       2301625   ELEMENT
          3614   NEGATIVE(W)REGULATORY(W)ELEMENT
       2159350   HORMONE
```

```
       349281   RESPONSIVE
         8248   HORMONE(W)RESPONSIVE
      2301294   SIGNAL
      1897134   PEPTIDE
        59147   SIGNAL(W)PEPTIDE
        31894   POLYADENYLATION
      3646858   SEQUENCE
          669   POLYADENYLATION(W)SEQUENCE
         6033   POLYA
S3         774   S (((PROXIMAL (W) LYSOZYME (W) PROMOTER) OR (LYSOZYME (W) PROMOTER)) AND
(CRI (W) REPEAT) AND ((INTRINSICALLY (W) CURVED (W)DNA) OR (CURVED (W) DNA))) OR (MATRIX
(W) ATTACHMENT) AND ( ((TRANSCRIPTION (W) ENHANCER) OR ENHANCER) OR (NEGATIVE (W)
REGULATORY (W) ELEMENT)OR (HORMONE (W) RESPONSIVE) OR( SIGNAL (W) PEPTIDE) OR
((POLYADENYLATION (W) SEQUENCE) OR POLYA))

?  s S2 not pd>010330
Processing
Processing
>>>W:  File 34 processing for PD=010330 : PD=.
    started at PD=20010331 stopped at PD=20060818
One or more prefixes are unsupported
  or undefined in one or more files.
File 73 processing for PD=010330 : PD=.
    started at PD=010331 stopped at PD=061120
          125   S2
     15500674   PD>010330
S4        103   S S2 NOT PD>010330

?  S S3 NOT PD>010330
Processing
Processing
>>>W:  File 34 processing for PD=010330 : PD=.
    started at PD=20010331 stopped at PD=20060818
One or more prefixes are unsupported
  or undefined in one or more files.
File 73 processing for PD=010330 : PD=.
    started at PD=010331 stopped at PD=061120
          774   S3
     15500674   PD>010330
S5        586   S S3 NOT PD>010330

?  s ((proximal (w) lysozyme (w) promoter) or (lysozyme (w) promoter)) and ((matrix (w)
attachment) or ((intrinsically (w) curved (w) DNA) or (curved (w) DNA)) or ((transcription
(w) enhancer) ) or (negative (w) regulatory (w) element) or (hormone (w) responsive) or
(CRI (w) repeat) or (signal (w) peptide) and ((polyadenylation (w) sequence) or polyA))
Processing
Processing
Processing
       569556   PROXIMAL
       100545   LYSOZYME
       819327   PROMOTER
            1   PROXIMAL(W)LYSOZYME(W)PROMOTER
       100545   LYSOZYME
       819327   PROMOTER
          125   LYSOZYME(W)PROMOTER
      1370449   MATRIX
       302570   ATTACHMENT
         4124   MATRIX(W)ATTACHMENT
        36940   INTRINSICALLY
        96308   CURVED
      5055214   DNA
```

```
          140   INTRINSICALLY(W)CURVED(W)DNA
        96308   CURVED
      5055214   DNA
         2705   CURVED(W)DNA
      1652657   TRANSCRIPTION
       182825   ENHANCER
         1597   TRANSCRIPTION(W)ENHANCER
      3062512   NEGATIVE
       997436   REGULATORY
      2301625   ELEMENT
         3614   NEGATIVE(W)REGULATORY(W)ELEMENT
      2159350   HORMONE
       349281   RESPONSIVE
         8248   HORMONE(W)RESPONSIVE
         9156   CRI
       406166   REPEAT
            0   CRI(W)REPEAT
      2301294   SIGNAL
      1897134   PEPTIDE
        59147   SIGNAL(W)PEPTIDE
        31894   POLYADENYLATION
      3646858   SEQUENCE
          669   POLYADENYLATION(W)SEQUENCE
         6033   POLYA
S6           5   S ((PROXIMAL (W) LYSOZYME (W) PROMOTER) OR (LYSOZYME (W) PROMOTER)) AND
((MATRIX (W) ATTACHMENT) OR ((INTRINSICALLY (W) CURVED (W) DNA) OR (CURVED (W) DNA)) OR
((TRANSCRIPTION (W) ENHANCER) ) OR (NEGATIVE (W) REGULATORY (W) ELEMENT) OR (HORMONE (W)
RESPONSIVE) OR (CRI (W) REPEAT) OR (SIGNAL (W) PEPTIDE) AND ((POLYADENYLATION (W)
SEQUENCE) OR POLYA))

? rd
>>>W:  Duplicate detection is not supported for File 391.
Records from unsupported files will be retained in the RD set.
S7           3   RD  (UNIQUE ITEMS)

? t s7/medium/all
```

7/3/1 (Item 1 from file: 5) **Links**

Fulltext available through: USPTO Full Text Retrieval Options SCIENCEDIRECT

Biosis Previews(R)

0006599764 **Biosis No.:** 198987047655

A PROGESTERONE RESPONSIVE ELEMENT MAPS TO THE FAR UPSTREAM STEROID DEPENDENT DNASE HYPERSENSITIVE SITE OF CHICKEN LYSOZYME CHROMATIN

Author: HECHT A (Reprint); BERKENSTAM A; STROMSTEDT P-E; GUSTAFSSON J-A; SIPPEL A E
Author Address: ZENT MOL BIOL, UNIV HEIDELBERG, IM NEUENHEIMER FELD 282, D-6900 HEIDELBERG, W GER**WEST GERMANY

Journal: EMBO (European Molecular Biology Organization) Journal 7 (7): p 2063-2074 1988
ISSN: 0261-4189
Document Type: Article
Record Type: Abstract
Language: ENGLISH

7/3/2 (Item 1 from file: 34) **Links**
SciSearch(R) Cited Ref Sci

00668657 **Genuine Article#:** EL350 **No. References:** 32
GENOMIC FOOTPRINTING OF PROTEINS INTERACTING WITH THE CHICKEN LYSOZYME PROMOTER

Author: DOLLE A; STRATLING WH
Corporate Source: UNIV HAMBURG,KRANKENHAUS EPPENDORF,INST PHYSIOLCHEM,MARTINISTR 52/D-2000 HAMBURG 20//FED REP GER/; UNIV HAMBURG,KRANKENHAUS EPPENDORF,INST PHYSIOLCHEM,MARTINISTR 52/D-2000 HAMBURG 20//FED REP GER/
Journal: GENE , 1990 , V 95 , N2 , P 187-193
Language: ENGLISH **Document Type:** ARTICLE

7/3/3 (Item 1 from file: 357) **Links**
Derwent Biotech Res.

0304971 **DBA Accession No.:** 2003-06756 **PATENT**
New isolated or recombinant nucleic acid for reducing the chromosomal positional effect of a transgene, comprises an isolated avian lysozyme gene expression control region vector-mediated lysozyme gene transfer and expression in host cell for use in transgenic animal model construction

Author: RAPP J C
Patent Assignee: AVIGENICS INC 2002
Patent Number: WO 200279447 **Patent Date:** 20021010 **WPI Accession No.:** 2003-046807 (200304)
Priority Application Number: US 351550 **Application Date:** 20020125
National Application Number: WO 2002US9866 **Application Date:** 20020329
Language: English

```
? s ((proximal (w) lysozyme (w) promoter) or (lysozyme (w) promoter)) and (avian or
gallus or chicken)
       569556   PROXIMAL
       100545   LYSOZYME
       819327   PROMOTER
            1   PROXIMAL(W)LYSOZYME(W)PROMOTER
       100545   LYSOZYME
       819327   PROMOTER
          125   LYSOZYME(W)PROMOTER
       258129   AVIAN
       120954   GALLUS
       407421   CHICKEN
S8         67   S ((PROXIMAL (W) LYSOZYME (W) PROMOTER) OR (LYSOZYME (W) PROMOTER)) AND
(AVIAN OR GALLUS OR CHICKEN)

? S S8 NOT PD>010330
Processing
Processing
>>>W:  File 34 processing for PD=010330 : PD=.
    started at PD=20010331 stopped at PD=20060818
One or more prefixes are unsupported
  or undefined in one or more files.
File 73 processing for PD=010330 : PD=.
    started at PD=010331 stopped at PD=061120
           67   S8
     15500674   PD>010330
S9         56   S S8 NOT PD>010330

? s s9 and ((PROXIMAL (W) LYSOZYME (W) PROMOTER) OR (LYSOZYME (W) PROMOTER)) AND ((MATRIX
(W) ATTACHMENT) OR ((INTRINSICALLY (W) CURVED (W) DNA) OR (CURVED (W) DNA)) OR
((TRANSCRIPTION (W) ENHANCER) ) OR (NEGATIVE (W) REGULATORY (W) ELEMENT) OR (HORMONE (W)
RESPONSIVE) OR (CRI (W) REPEAT) OR (SIGNAL (W) PEPTIDE) AND ((POLYADENYLATION (W)
SEQUENCE) OR POLYA))
Processing
Processing
Processing
           56   S9
       569556   PROXIMAL
       100545   LYSOZYME
       819327   PROMOTER
            1   PROXIMAL(W)LYSOZYME(W)PROMOTER
       100545   LYSOZYME
       819327   PROMOTER
          125   LYSOZYME(W)PROMOTER
      1370449   MATRIX
       302570   ATTACHMENT
         4124   MATRIX(W)ATTACHMENT
        36940   INTRINSICALLY
        96308   CURVED
      5055214   DNA
          140   INTRINSICALLY(W)CURVED(W)DNA
        96308   CURVED
      5055214   DNA
         2705   CURVED(W)DNA
      1652657   TRANSCRIPTION
       182825   ENHANCER
         1597   TRANSCRIPTION(W)ENHANCER
      3062512   NEGATIVE
       997436   REGULATORY
      2301625   ELEMENT
```

```
      3614    NEGATIVE(W)REGULATORY(W)ELEMENT
   2159350    HORMONE
    349281    RESPONSIVE
      8248    HORMONE(W)RESPONSIVE
      9156    CRI
    406166    REPEAT
         0    CRI(W)REPEAT
   2301294    SIGNAL
   1897134    PEPTIDE
     59147    SIGNAL(W)PEPTIDE
     31894    POLYADENYLATION
   3646858    SEQUENCE
       669    POLYADENYLATION(W)SEQUENCE
      6033    POLYA
S10       4   S S9 AND ((PROXIMAL (W) LYSOZYME (W) PROMOTER) OR (LYSOZYME (W) PROMOTER))
AND ((MATRIX (W) ATTACHMENT) OR ((INTRINSICALLY (W) CURVED (W) DNA) OR (CURVED (W) DNA))
OR ((TRANSCRIPTION (W) ENHANCER) ) OR (NEGATIVE (W) REGULATORY (W) ELEMENT) OR (HORMONE
(W) RESPONSIVE) OR (CRI (W) REPEAT) OR (SIGNAL (W) PEPTIDE) AND ((POLYADENYLATION (W)
SEQUENCE) OR POLYA))

? rd
>>>W:  Duplicate detection is not supported for File 391.
Records from unsupported files will be retained in the RD set.
S11       2   RD  (UNIQUE ITEMS)

? t s11/medium/all
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11/3/1 (Item 1 from file: 5) **Links**

Fulltext available through: USPTO Full Text Retrieval Options SCIENCEDIRECT

Biosis Previews(R)

0006599764 **Biosis No.:** 198987047655

A PROGESTERONE RESPONSIVE ELEMENT MAPS TO THE FAR UPSTREAM STEROID DEPENDENT DNASE HYPERSENSITIVE SITE OF CHICKEN LYSOZYME CHROMATIN

Author: HECHT A (Reprint); BERKENSTAM A; STROMSTEDT P-E; GUSTAFSSON J-A; SIPPEL A E
Author Address: ZENT MOL BIOL, UNIV HEIDELBERG, IM NEUENHEIMER FELD 282, D-6900 HEIDELBERG, W GER**WEST GERMANY

Journal: EMBO (European Molecular Biology Organization) Journal 7 (7): p 2063-2074 1988
ISSN: 0261-4189
Document Type: Article
Record Type: Abstract
Language: ENGLISH

11/3/2 (Item 1 from file: 34) **Links**
SciSearch(R) Cited Ref Sci

00668657 **Genuine Article#:** EL350 **No. References:** 32
GENOMIC FOOTPRINTING OF PROTEINS INTERACTING WITH THE CHICKEN LYSOZYME PROMOTER

Author: DOLLE A; STRATLING WH
Corporate Source: UNIV HAMBURG,KRANKENHAUS EPPENDORF,INST PHYSIOLCHEM,MARTINISTR 52/D-2000 HAMBURG 20//FED REP GER/; UNIV HAMBURG,KRANKENHAUS EPPENDORF,INST PHYSIOLCHEM,MARTINISTR 52/D-2000 HAMBURG 20//FED REP GER/
Journal: GENE , 1990 , V 95 , N2 , P 187-193
Language: ENGLISH **Document Type:** ARTICLE

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? S S9 AND (((PROXIMAL (W) LYSOZYME (W) PROMOTER) OR (LYSOZYME (W) PROMOTER)) AND
((MATRIX (W) ATTACHMENT) OR ((INTRINSICALLY (W) CURVED (W) DNA) OR (CURVED (W) DNA)) OR
((TRANSCRIPTION (W) ENHANCER) ) OR (NEGATIVE (W) REGULATORY (W) ELEMENT) OR (HORMONE (W)
RESPONSIVE) OR (CRI (W) REPEAT) OR (SIGNAL (W) PEPTIDE) AND ((POLYADENYLATION (W)
SEQUENCE) OR POLYA)))
Processing
Processing
Processing
          56   S9
      569556   PROXIMAL
      100545   LYSOZYME
      819327   PROMOTER
           1   PROXIMAL(W)LYSOZYME(W)PROMOTER
      100545   LYSOZYME
      819327   PROMOTER
         125   LYSOZYME(W)PROMOTER
     1370449   MATRIX
      302570   ATTACHMENT
        4124   MATRIX(W)ATTACHMENT
       36940   INTRINSICALLY
       96308   CURVED
     5055214   DNA
         140   INTRINSICALLY(W)CURVED(W)DNA
       96308   CURVED
     5055214   DNA
        2705   CURVED(W)DNA
     1652657   TRANSCRIPTION
      182825   ENHANCER
        1597   TRANSCRIPTION(W)ENHANCER
     3062512   NEGATIVE
      997436   REGULATORY
     2301625   ELEMENT
        3614   NEGATIVE(W)REGULATORY(W)ELEMENT
     2159350   HORMONE
      349281   RESPONSIVE
        8248   HORMONE(W)RESPONSIVE
        9156   CRI
      406166   REPEAT
           0   CRI(W)REPEAT
     2301294   SIGNAL
     1897134   PEPTIDE
       59147   SIGNAL(W)PEPTIDE
       31894   POLYADENYLATION
     3646858   SEQUENCE
         669   POLYADENYLATION(W)SEQUENCE
        6033   POLYA
S12         4   S S9 AND (((PROXIMAL (W) LYSOZYME (W) PROMOTER) OR (LYSOZYME (W)
PROMOTER)) AND ((MATRIX (W) ATTACHMENT) OR ((INTRINSICALLY (W) CURVED (W) DNA) OR (CURVED
(W) DNA)) OR ((TRANSCRIPTION (W) ENHANCER) ) OR (NEGATIVE (W) REGULATORY (W) ELEMENT) OR
(HORMONE (W) RESPONSIVE) OR (CRI (W) REPEAT) OR (SIGNAL (W) PEPTIDE) AND ((POLYADENYLATION
(W) SEQUENCE) OR POLYA)))

? rd
>>>W: Duplicate detection is not supported for File 391.
Records from unsupported files will be retained in the RD set.
S13         2   RD  (UNIQUE ITEMS)

? s ((proximal (W) lysozyme (W) promoter) or (lysozyme (W) promoter)) and ((matrix (W)
attachment) or ((intrinsically (W) curved (W) DNA) or (curved (W) DNA)) or ((transcription
(W) enhancer) or enhancer) or (negative (W) regulatory (W) element) or (hormone (W)
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responsive) or (CRI (W) repeat) or (signal (W) peptide) and ((polyadenylation (W) sequence) or polyA))
Processing
Processing
Processing
```
       569556   PROXIMAL
       100545   LYSOZYME
       819327   PROMOTER
            1   PROXIMAL(W)LYSOZYME(W)PROMOTER
       100545   LYSOZYME
       819327   PROMOTER
          125   LYSOZYME(W)PROMOTER
      1370449   MATRIX
       302570   ATTACHMENT
         4124   MATRIX(W)ATTACHMENT
        36940   INTRINSICALLY
        96308   CURVED
      5055214   DNA
          140   INTRINSICALLY(W)CURVED(W)DNA
        96308   CURVED
      5055214   DNA
         2705   CURVED(W)DNA
      1652657   TRANSCRIPTION
       182825   ENHANCER
         1597   TRANSCRIPTION(W)ENHANCER
       182825   ENHANCER
      3062512   NEGATIVE
       997436   REGULATORY
      2301625   ELEMENT
         3614   NEGATIVE(W)REGULATORY(W)ELEMENT
      2159350   HORMONE
       349281   RESPONSIVE
         8248   HORMONE(W)RESPONSIVE
         9156   CRI
       406166   REPEAT
            0   CRI(W)REPEAT
      2301294   SIGNAL
      1897134   PEPTIDE
        59147   SIGNAL(W)PEPTIDE
        31894   POLYADENYLATION
      3646858   SEQUENCE
          669   POLYADENYLATION(W)SEQUENCE
         6033   POLYA
S14         27   S ((PROXIMAL (W) LYSOZYME (W) PROMOTER) OR (LYSOZYME (W) PROMOTER)) AND ((MATRIX (W) ATTACHMENT) OR ((INTRINSICALLY (W) CURVED (W) DNA) OR (CURVED (W) DNA)) OR ((TRANSCRIPTION (W) ENHANCER) OR ENHANCER) OR (NEGATIVE (W) REGULATORY (W) ELEMENT) OR (HORMONE (W) RESPONSIVE) OR (CRI (W) REPEAT) OR (SIGNAL (W) PEPTIDE) AND ((POLYADENYLATION (W) SEQUENCE) OR POLYA))

? rd
>>>W: Duplicate detection is not supported for File 391.
Records from unsupported files will be retained in the RD set.
S15         12   RD  (UNIQUE ITEMS)

? s (lysozyme (w) (promoter or (gene adj control?? (w) region)))
       100545   LYSOZYME
       819327   PROMOTER
            0   GENE ADJ CONTROL??
      5782258   REGION
            0   GENE ADJ CONTROL??(W)REGION
S16        125   S (LYSOZYME (W) (PROMOTER OR (GENE ADJ CONTROL?? (W) REGION)))
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?  S (LYSOZYME (W) (PROMOTER OR (GENE (w) CONTROL?? (W) REGION)))
Processing
Processing
Processing
       100545   LYSOZYME
       819327   PROMOTER
      6362854   GENE
     11501764   CONTROL??
      5782258   REGION
          128   GENE(W)CONTROL??(W)REGION
S17       125   S (LYSOZYME (W) (PROMOTER OR (GENE (W) CONTROL?? (W) REGION)))

?  s rapp=au
>>>W:  One or more prefixes are unsupported
  or undefined in one or more files.
S18         0   S RAPP=AU

?  s au=rapp
S19       270   S AU=RAPP

?  S AU=RAPP, j
S20        11   S AU=RAPP, J

?  rd
>>>W:  Duplicate detection is not supported for File 391.
Records from unsupported files will be retained in the RD set.
S21        11   RD  (UNIQUE ITEMS)

?  s s21 and promoter
           11   S21
       819327   PROMOTER
S22         0   S S21 AND PROMOTER

?  d s
Set     Items   Description
S1          0   S (((PROXIMAL (W) LYSOZYME (W)PROMOTER) OR (LYSOZYME (W) PROMOTER)) AND
(CRI (W) REPEAT) AND ((INTRINSICALLY (W) CURVED (W) DNA) OR (CURVED (W) DNA))) AND
((MATRIX (W)ATTACHMENT) OR ((TRANSCRIPTION (W) ENHANCER) OR ENHANCER) OR (NEGATIVE (W)
REGULATORY (W) ELEMENT)OR (HORMONE (W) RESPONSIVE) OR (SIGNAL (W) PEPTIDE) OR
((POLYADENYLATION (W) SEQUENCE) OR POLYA))
S2        125   S ((PROXIMAL (W) LYSOZYME (W) PROMOTER) OR (LYSOZYME (W) PROMOTER)) AND
((MATRIX (W) ATTACHMENT) OR ((INTRINSICALLY (W) CURVED (W) DNA) OR (CURVED (W) DNA)) OR
((TRANSCRIPTION (W) ENHANCER) OR ENHANCER) OR (NEGATIVE (W) REGULATORY (W) ELEMENT) OR
(HORMONE (W) RESPONSIVE) OR (CRI (W) REPEAT) OR ((PROXIMAL (W) LYSOZYME (W) PROMOTER) OR
(LYSOZYME (W) PROMOTER)) OR (SIGNAL (W) PEPTIDE) AND ((POLYADENYLATION (W) SEQUENCE) OR
POLYA))
S3        774   S (((PROXIMAL (W) LYSOZYME (W) PROMOTER) OR (LYSOZYME (W) PROMOTER)) AND
(CRI (W) REPEAT) AND ((INTRINSICALLY (W) CURVED (W)DNA) OR (CURVED (W) DNA))) OR (MATRIX
(W) ATTACHMENT) AND ( ((TRANSCRIPTION (W) ENHANCER) OR ENHANCER) OR (NEGATIVE (W)
REGULATORY (W) ELEMENT)OR (HORMONE (W) RESPONSIVE) OR( SIGNAL (W) PEPTIDE) OR
((POLYADENYLATION (W) SEQUENCE) OR POLYA))
S4        103   S S2 NOT PD>010330
S5        586   S S3 NOT PD>010330
S6          5   S ((PROXIMAL (W) LYSOZYME (W) PROMOTER) OR (LYSOZYME (W) PROMOTER)) AND
((MATRIX (W) ATTACHMENT) OR ((INTRINSICALLY (W) CURVED (W) DNA) OR (CURVED (W) DNA)) OR
((TRANSCRIPTION (W) ENHANCER) ) OR (NEGATIVE (W) REGULATORY (W) ELEMENT) OR (HORMONE (W)
RESPONSIVE) OR (CRI (W) REPEAT) OR (SIGNAL (W) PEPTIDE) AND ((POLYADENYLATION (W)
SEQUENCE) OR POLYA))
S7          3   RD  (unique items)
S8         67   S ((PROXIMAL (W) LYSOZYME (W) PROMOTER) OR (LYSOZYME (W) PROMOTER)) AND
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